INVOICE



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

INVOICE

FOR PROFESSIONAL SERVICES

Number

247502

USEPA Region 9, P-3-1

1337 So. 46th

Date

06/03/14

Building 201

Richmond, CA 94804-4698

ATTN: Greg Nagle

P.O. No.

3SC086NTLX

DEPT

DESCRIPTION

Matrix

PRICE

PREMIUM EXTENDED

-%-

4508 EPA 1664 Oil & Grease (Total) Water

1

\$50.00

\$50.00

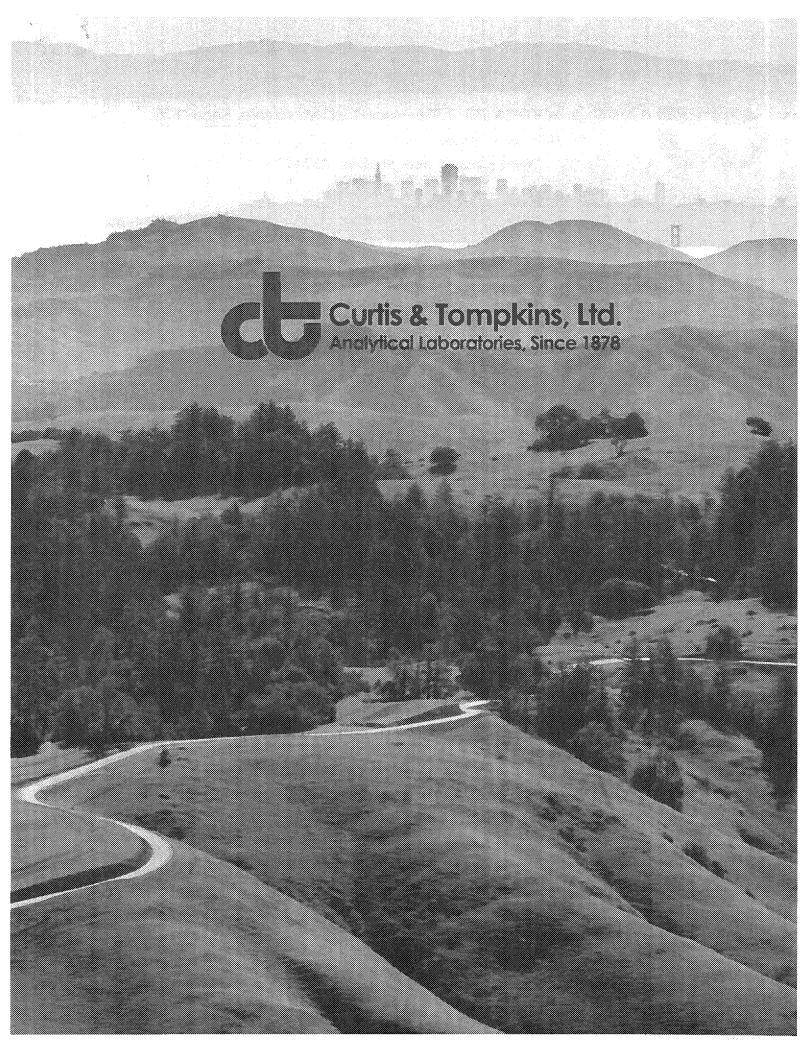
TOTAL:

\$50.00

JOB#: LOGIN#: R14N02 257440

CONTACT:

Greg Nagle LOCATION: OCS-2014





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 257440 ANALYTICAL REPORT

USEPA Region 9, P-3-1

1337 So. 46th

Richmond, CA 94804-4698

Project : R14N02

Location: OCS-2014

Level

: II

Sample ID HOGAN

257440-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature:

Tracy Babjar Project Manager

tracy.babjar@ctberk.com

(510) 204-2226

CA ELAP# 2896, NELAP# 4044-001

1 of 7

Date: 06/03/2014



CASE NARRATIVE

Laboratory number:

257440

Client:

USEPA Region 9, P-3-1

Project:

R14N02

Location:

OCS-2014

Request Date:

05/30/14

Samples Received:

05/30/14

This data package contains sample and QC results for one water sample, requested for the above referenced project on 05/30/14. The sample was received cold and intact.

Total Oil & Grease (HEM) (EPA 1664A):

Matrix spikes were not performed for this analysis due to insufficient sample volume. Oil & grease (HEM) was detected between the MDL and the RL in the method blank for batch 211717; this analyte was not detected in the sample at or above the RL. No other analytical problems were encountered.

ENVIRONMENTAL PROTECTION AGENCY Region 9 Laboratory

257440
CHAIN OF CUSTODY RECORD

1337 S. 46th St., Bldg. 201 Richmond, CA 94804-4698

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COOLER RECEIPT CHECKLIST



Login#	257440	Date	Received _	5/301	VN	lumber of coole	rs	
Client	ENVIRONM	ENTAL_	Pr	oject	<u>RIYN ()</u>	<u> </u>	<u> 14 </u>	O-waydaanoooooooo
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	ooler come with a	shipping sli	p (airbill, e	tc)		YE	s 100	O(p
2A. Wer	e custody seals pr low many	resent?	□YES(Name	circle)	on cooler	on samples Date	Ø	NO
2B Wer	e custody seals in	tact unon arr	ival?			YE	S NO	NIA
3. Were	custody papers di	y and intact	when recei	ved?		YE	3 NO	
4. Were	custody papers fi	lled out prop	erly (ink, s	igned, et	tc)?	V 5		
	project identifiat te the packing in						š no	Z-V _{egogy} onnon
·] Bubble Wrap	□ Foam	blocks	ПВа	ıgs	⊠ None		
Ē	Cloth material	☐ Cardb	oard	□ St	yrofoam	Paper 1	owels	
7. Temp	erature document	ation:	Notify PN	A if temp	perature exc	ceeds 6°C		
	'ype of ice used:					Sei .	٠٧	2000000000000
] Samples receiv	ed on ice &	cold withou	ut a temp	perature bla	nk; temp taken	with IR	gun
٠ ـ ـ] Samples receiv	ed on ice dir	ectly from	the field	l. Cooling p	rocess had begr	ın	
8. Were	Method 5035 sau	mpling conta	iners prese	nt?			_YES <	MO?
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14. Was	sufficient amoun	t of sample s	ent for test	is reques	nted?	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	- SER	NO
15. Are 1	he samples appro	priately pres	erved?				ON	IN/A Nama
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17. Did y	ou document you change the ho	ur preservau	nac for		A 3/0 A c?		NO S	
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Rev 10, 10/11



Detections Summary for 257440

Client : USEPA Region 9, P-3-1

Project : R14N02

Location: OCS-2014

Client Sample ID : HOGAN

Laboratory Sample ID: 257440-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Oil & Grease (HEM)	11.2		10.0	3.40	mg/L	TOTAL	2,000	EPA 1664A	METHOD



	Total Oil &	Grease (HEM)	
Lab #:	257440	Location:	OCS-2014
Client:	USEPA Region 9, P-3-1	Prep:	METHOD
Project#:	R14N02	Analysis:	EPA 1664A
Analyte:	Oil & Grease (HEM)	Batch#:	211717
Field ID:	HOGAN	Sampled:	05/20/14
Matrix:	Water	Received:	05/30/14
Units:	mg/L	Analyzed:	06/02/14

T	уре	Lab ID	Result	RL	Diln 1	
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J= Estimated value RL= Reporting Limit Page 1 of 1



Batch QC Report

	Total Oil &	Grease (HEM)	
Lab #:	257440	Location:	OCS-2014
Client:	USEPA Region 9, P-3-1	Prep:	METHOD
Project#:	R14N02	Analysis:	EPA 1664A
Analyte:	Oil & Grease (HEM)	Diln Fac:	1.000
Matrix:	Water	Batch#:	211717
Units:	mg/L	Analyzed:	06/02/14

Type	Lab ID	Spiked	Result	%RE(CPD Lim	
BS	QC742844	40.00	35.40	89	78-114		
BSD	QC742845	40.00	34.70	87	78-114 2	2 18	